Table 1 - Quantity of Bank and Sediment Material Generated during the month of February February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Qua	antity Transpor anagement Area	=
Date	Location	non-TSCA	TSCA	NAPL impacted
Bank Soil and Se	ediment			
2/3/03	Cell 7/7A	135	108	
2/4/03	Cell 7/7A	135	252	
2/5/03	Cell 7/7A	180		
2/6/03	Cell 7/7A	333		
2/7/03	Cell 7/7A	81	279	
2/10/03	Cell 7/7A	162	90	
2/20/03	Cell 5A	390		
2/21/03	Cell 5A	247		
2/24/03	Cell 5A	247		
2/25/03	Cell 8	180		
2/26/03	Cell 8	200		
2/27/03	Cell 8	70		
2/28/03	Cell 8	70		
	Monthly total from bank soil and sediment	2,430	729	0

Note:

All quantities are in compacted or "in-place" cubic yards. Due to cold and icy site conditions loads are estimated at 9cy per truck for Cell 7. Cell 5A is estimated at 13cy per truck, and Cell 8 is estimated at 10cy per truck.

Table 2 - Quantity of Bank and Sediment Material Excavated to Date February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/3/03 to 02/10/03	Cell 7	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
	Total	10,586	2,104	363	13,053

Note:

All quantities determined by pre- and post- excavation surveying.

Table 3 - Quantity of Material Transferred to OPCAs During the Month of February February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are reported in cubic yards)

	·		
		Approximate Quantity Tr	ransported to OPCAs
Date	# of truckloads	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Bank Soil and Sedime	nt		
2/11/03	41	451	
2/12/03	38	418	
2/13/03	39	429	
2/14/03	39	429	
2/17/03	31	341	
2/18/03	32	352	
2/19/03	31	341	
2/20/03	53	583	
2/21/03	47	517	
2/24/03	45	495	
2/25/03	43	473	
2/26/03	28	308	
2/27/03	15		165
2/28/03	34		374
Monthly totals	516	5,137 (1)	539 (1)

Note:

All quantities are in compacted or "in-place" cubic yards.

(1) Estimated at 11cy per truck due to loading out frozen material.

Table 4 - Quantity of Material Transferred to OPCAs to Date February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are reported in cubic yards)

		Approximate Quantity	Fransported to OPCAs
Date	Location	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Site Preparation Activ	rities		
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sedime	ent		
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
2/11/03 to 2/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
	Project Totals	10,080	1,449

Note:

All quantities are in compacted or "in-place" cubic yards.

- (1) Estimated at 14cy per truck.
- (2) Estimated at 11cy per truck due to loading out frozen material.

Table 5 - Quantity of Material Transported to CWM Chemical Services, Model City, N.Y. During the Month of February February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are reported in tons)

Date Shipped	Manifest Doc. Number	Manifest	Net Weight (Tons) (1)
02/05/03	00001	NYB9712476	20.2
02/05/03	00002	NYB9712485	19.5
02/05/03	00003	NYB9712467	21.9
02/05/03	00004	NYB9712503	21.6
02/10/03	00005	NYB9712413	21.4
02/10/03	00006	NYB9712422	21.2
02/10/03	00007	NYB9712431	19.7
02/10/03	80000	NYB9712449	21.6
02/10/03	00009	NYB9712458	20.5
02/11/03	00010	NYG0643149	19.6
02/11/03	00011	NYG0643104	20.9
02/11/03	00012	NYG0643131	21.4
02/11/03	00013	NYG0643167	20.3
02/11/03	00014	NYG0643158	19.3
02/12/03	00015	NYG0643185	31.0
02/12/03	00016	NYG0643194	30.8
02/12/03	00017	NYG0643203	31.7
02/12/03	00018	NYG0643221	32.8
02/12/03	00019	NYG0643239	31.8
02/19/03	00020	NYB9713862	21.2
02/19/03	00021	NYB9713871	19.7
02/19/03	00022	NYB9713889	16.3
02/19/03	00023	NYB9713853	20.9
		Total of Material Disposed	525.0

Notes:

(1) Net weights established at the disposal facility

Table 6 - NPDES Sampling Results for Water Treatment System February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are presented in part per billion, ppb)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, & 1248	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total PCBs
H2-WW000001-0-3F24	Influent	02/24/2003	ND(0.063)	ND(0.063)	0.19	0.54	0.73
H2-WW000002-0-3F24	Intermediate	02/24/2003	ND(0.012)	ND(0.012)	0.030	ND(0.012)	0.030
H2-WW000003-0-3F24	Effluent	02/24/2003	ND(0.012)	ND(0.012)	0.020	ND(0.012)	0.020
Action Level	Effluent		0.50	0.50	0.50	0.50	0.50

Notes:

ND(0.012) - Analyte was not detected. The value in parentheses is the associated detection limit. Intermediate - sample collected between carbon units which are being operated in series.

J - Indicates an estimated value

2/24/03 - monthly sampling

Table 6a - NPDES non-PCB Sampling Results for Water Treatment System February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are presented in part per billion, ppb)

Sample ID	H2-WW000001-0-3J20	H2-WW000002-0-3J20	H2-WW000003-0-3J20
Sample type	Influent	Intermediate	Effluent
Date Collected	1/20/2003	1/20/2003	1/20/2003
Analyte			
APP IX SEMIVOLATILES			
1,2,4-TRICHLOROBENZENE	0.69 J	ND	ND
1,4-DICHLOROBENZENE	2.3 J	ND	ND
ACENAPHTHENE	0.54 J	ND	ND
BENZO(A)ANTHRACENE	0.85 J	ND	ND
BIS(2-ETHYLHEXYL) PHTHALATE	0.71 J	ND	ND
CHRYSENE	1.1 J	ND	ND
FLUORANTHENE	2.0 J	ND	ND
PHENANTHRENE	1.1 J	ND	ND
PYRENE	2.1 J	ND	ND
APP IX VOLATILES			
1,2,4-TRICHLOROBENZENE	0.99 J	ND	ND
1,4-DICHLOROBENZENE	2.5 J	ND	ND
CHLOROBENZENE	2.7 J	ND	ND
CIS-1,2-DICHLOROETHENE	1.7 J	ND	ND
TERT-BUTYL METHYL ETHER	2.9 J	8.1	1.8 J
METALS			
BARIUM	49.1		22.6
COPPER	35.9		6.3
CHROMIUM	16.0		ND
COBALT	5.1		ND
LEAD	42.9		ND
NICKEL	9.8		1.7
SELENIUM	2.9		ND
TIN	5.5		ND
VANADIUM	7.4		ND
ZINC	66.1		33.4
ORGANIC			
PETROLEUM HYDROCARBON	1300	ND	ND

NOTES:

* Total BTEX (Benzene, Toluene, Ethyl Benzene and Xylene) can not exceed 100 ppb Intermediate - sample collected between carbon units which are being operated in series. Only detected constituents are summarized

ND - not detected

--- not sampled

J - Indicates an estimated value

N/A - not applicable

NPDES Permit
Regulatory
Effluent Limits
70
100
N/A
N/A
100
N/A
N/A
N/A
N/A
70
75
100
N/A
70
100
100
100
100
50
100
N/A
100
100
500
5000

Table 7 - Backfill Material Testing Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000050-0-3J20	H2-OT000050-0-3J21	H2-OT000050-1-3J21	H2-OT000032-0-3F04	H2-OT000050-0-3F04	H2-OT000049-0-3F10	
Sample type	Common Fill	Common Fill	Common Fill (Duplicate)	Filter Layer A	Common Fill	Topsoil	Regulatory Limits
Date Collected	01/20/2003	01/21/2003	01/21/2003	02/04/2003	02/04/2003	02/10/2003	(1)
Analyte							
APP IX SEMIVOLATILES							
		All Non-Detects	All Non-Detects				
APP IX VOLATILES							
ACETONE		0.036	0.021				3
CHLOROMETHANE		0.0056 J	0.0021 J				100
NAPHTHALENE		0.0042 J	ND				4
METALS							
ANTIMONY		0.26	ND				10
ARSENIC		7.9	9.5				30
BARIUM		10.5	14.9				1000
BERYLLIUM		0.093	0.17				0.7
CHROMIUM		8.9	14.4				1000
COBALT	-	10.6	19.3			-	500
COPPER	-	31.7	39.2			-	1000
LEAD	-	7.1	10.9			-	300
NICKEL		19.3	29.4			-	300
SELENIUM		ND	0.48			-	400
TIN		0.36	0.52			-	10
VANADIUM	-	7.8	12.2			-	400
ZINC	-	54.0	84.5	-		-	2500
ORGANIC							
PETROLEUM HYDROCARBON	ND	ND	ND	ND	ND	ND	200*
PCBS							
AROCLOR-1260	ND	ND	0.15	ND	ND	ND	
PCB, TOTAL	ND	ND	0.15 (2)	ND	ND	ND	0.1*

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

NR - Not yet reported

--- not sampled

- (1) Massachusetts contingency plan S-1 limits
- (2) Sample duplicate result, average with the original sample result complies with the project specifications
- * Project specific acceptable levels for backfill

G:/1.5 Mile/Monthly Reports/2003

February/FEBRUARY TABLE MASTER LIST.xls

Table 7 - Backfill Material Testing Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000050-0-3F10	H2-OT000049-0-3F11	H2-OT000050-0-3F11	H2-OT000050-0-3F21	H2-OT000050-1-3F21	
Sample type	Common Fill	Topsoil	Common Fill	Common Fill	Common Fill	
Date Collected	02/10/2003	02/11/2003	02/11/2003	02/21/2003	02/21/2003	Regulatory Limits (1)
Analyte						
APP IX SEMIVOLATILES						
				NR	NR	
APP IX VOLATILES						
ACETONE				NR	NR	3
CHLOROMETHANE				NR	NR	100
NAPHTHALENE				NR	NR	4
METALS						
ANTIMONY				NR	NR	10
ARSENIC				NR	NR	30
BARIUM				NR	NR	1000
BERYLLIUM				NR	NR	0.7
CHROMIUM				NR	NR	1000
COBALT				NR	NR	500
COPPER				NR	NR	1000
LEAD				NR	NR	300
NICKEL				NR	NR	300
SELENIUM				NR	NR	400
TIN				NR	NR	10
VANADIUM				NR	NR	400
ZINC				NR	NR	2500
				7	1	
PETROLEUM HYDROCARBON	ND	ND	ND	ND	ND	200*
ADOCI OD 4200	ND	ND	ND	ND	ND	
AROCLOR-1260	ND ND	ND ND	ND ND	ND ND	ND ND	0.1*
PCB, TOTAL	אט	טא	טא	עא	טא	0.1"

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

NR - Not yet reported

--- not sampled

- (1) Massachusetts contingency plan S-1 limits
- * Project specific acceptable levels for backfill

Table 8 - Daily Air Monitoring Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

		Average Site Concentration	Average Period
Date Collected	Sample Location	(mg/m³)	(Hours:Min)
	Upwind	0.013	8:00
	Downwind	0.011	7:00
02/03/2003	Background		
	Upwind	N/A	N/A
	Downwind	N/A	N/A
02/04/2003	Background	N/A	N/A
	Upwind	0.004	7:00
	Downwind	0.003	7:00
02/05/2003	Background		
	Upwind	0.007	9:00
	Downwind	0.006	8:00
02/06/2003	Background	0.012	8:00
	Upwind	N/A	N/A
	Downwind	N/A	N/A
02/07/2003	Background	N/A	N/A
	Upwind	0.025	6:00
	Downwind	0.021	6:00
02/10/2003	Background	0.030	4:00
	Upwind	0.001	8:00
	Downwind	0.006	9:00
02/11/2003	Background	0.008	8:00
	Upwind	0.004	8:00
	Downwind	0.013	8:00
02/12/2003	Background	0.009	8:00
	Upwind	0.002	7:00
	Downwind	0.011	7:00
02/13/2003	Background	0.008	7:00
	Upwind		
	Downwind	0.015	8:00
02/14/2003	Background		
	Upwind	N/A	N/A
	Downwind	N/A	N/A
02/17/2003	Background	N/A	N/A
	Upwind	N/A	N/A
	Downwind	N/A	N/A
02/18/2003	Background	N/A	N/A
	Upwind	0.021	6:00
	Downwind	0.017	6:00
02/19/2003	Background	0.015	5:00
	Upwind	0.012	8:00
	Downwind	0.016	8:00
02/20/2003	Background	0.01	7:00

Table 8 - Daily Air Monitoring Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

		Average Site Concentration	Average Period
Date Collected	Sample Location	(mg/m³)	(Hours:Min)
	Upwind	0.018	7:00
	Downwind	0.02	8:00
02/21/2003	Background	0.009	7:00
	Upwind	0.006	7:00
	Downwind	0.007	6:00
02/24/2003	Background	0.01	7:00
	Upwind	0.003	7:00
	Downwind	0.008	7:00
02/25/2003	Background	0.007	7:00
	Upwind	0.007	7:00
	Downwind	0.009	7:00
02/26/2003	Background	0.01	7:00
	Upwind	0.014	8:00
	Downwind	0.019	8:00
02/27/2003	Background	0.018	8:00
	Upwind		
	Downwind	0.02	7:00
02/28/2003	Background	0.018	7:00
notification level		0.120	
action level		0.150	

Notes:

N/A - Not available due to precipitation

--- - No reading due to technical difficulties with monitoring equipment

Table 9 - Daily Water Column Turbidity Monitoring Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

Date Coltsville Location Average High 02/03/2003 40 Upstream of Lyman Street Bridge 0.8 1.0 02/04/2003 40 Upstream of Elm Street Bridge -0.4 2.4 02/04/2003 43 Upstream of Lyman Street Bridge 10.1 22.6 02/05/2003 56 Upstream of Lyman Street Bridge 4.5 7.8 02/06/2003 52 Upstream of Lyman Street Bridge 1.7 2.0 02/06/2003 52 Upstream of Lyman Street Bridge -0.2 0.4 02/07/2003 48 Upstream of Lyman Street Bridge 1.7 1.8 02/07/2003 48 Upstream of Lyman Street Bridge 1.4 1.6 02/10/2003 40 Upstream of Lyman Street Bridge 1.4 1.6 02/11/2003 40 Upstream of Lyman Street Bridge 1.2 1.4 02/11/2003 40 Upstream of Lyman Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Lyman Street Bridge -0.9 -0.6	Turbidity					
02/03/2003 40 Upstream of Elm Street Bridge -0.4 2.4 02/04/2003 43 Upstream of Lyman Street Bridge 10.1 22.6 02/05/2003 56 Upstream of Lyman Street Bridge 3.1 7.0 02/06/2003 52 Upstream of Lyman Street Bridge 1.7 2.0 02/07/2003 48 Upstream of Lyman Street Bridge 1.7 1.8 02/07/2003 48 Upstream of Lyman Street Bridge -0.4 -0.3 02/10/2003 40 Upstream of Lyman Street Bridge 1.4 1.6 02/10/2003 40 Upstream of Lyman Street Bridge -0.6 1.3 02/11/2003 40 Upstream of Lyman Street Bridge 1.2 1.4 02/11/2003 40 Upstream of Lyman Street Bridge 0.9 3.6 Upstream of Lyman Street Bridge 1.3 1.3 02/11/2003 39 Upstream of Lyman Street Bridge -0.9 -0.6 02/13/2003 35 Upstream of Lyman Street Bridge -1.0 -0.7 02/14/200	Low					
Upstream of Lyman Street Bridge 10.1 22.6	0.7					
02/04/2003 43 Upstream of Elm Street Bridge 10.1 22.6 02/05/2003 56 Upstream of Lyman Street Bridge 3.1 7.0 02/06/2003 52 Upstream of Elm Street Bridge 1.7 2.0 02/07/2003 48 Upstream of Lyman Street Bridge 1.7 1.8 02/07/2003 48 Upstream of Elm Street Bridge -0.4 -0.3 02/10/2003 40 Upstream of Elm Street Bridge 1.4 1.6 02/11/2003 40 Upstream of Elm Street Bridge 1.2 1.4 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 Upstream of Lyman Street Bridge 0.9 3.6 Upstream of Elm Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge -0.9 -0.6 Upstream of Elm Street Bridge -1.0 -0.7 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 02/14/2003<	-1.7					
Upstream of Lyman Street Bridge	0.8					
02/05/2003 56 Upstream of Elm Street Bridge 3.1 7.0 02/06/2003 52 Upstream of Lyman Street Bridge -0.2 0.4 02/07/2003 48 Upstream of Lyman Street Bridge -0.4 -0.3 02/07/2003 48 Upstream of Elm Street Bridge -0.4 -0.3 02/10/2003 40 Upstream of Lyman Street Bridge -0.6 1.3 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 02/14/2003 34 Upstream of Elm Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 <td>-1.0</td>	-1.0					
Upstream of Lyman Street Bridge	2.7					
02/06/2003 52 Upstream of Elm Street Bridge -0.2 0.4 02/07/2003 48 Upstream of Lyman Street Bridge -0.4 -0.3 02/10/2003 40 Upstream of Lyman Street Bridge 1.4 1.6 02/10/2003 40 Upstream of Elm Street Bridge -0.6 1.3 02/11/2003 40 Upstream of Lyman Street Bridge 0.9 3.6 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/12/2003 39 Upstream of Elm Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 02/14/2003 34 Upstream of Elm Street Bridge -1.0 -0.8 02/17/2003 31 Upstream of Elm Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge -0.1 3.6	0.8					
Upstream of Lyman Street Bridge	1.4					
02/07/2003 48 Upstream of Elm Street Bridge -0.4 -0.3 02/10/2003 40 Upstream of Elm Street Bridge 1.4 1.6 02/11/2003 40 Upstream of Elm Street Bridge 1.2 1.4 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 Upstream of Lyman Street Bridge 1.3 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-0.6					
Upstream of Lyman Street Bridge	1.4					
02/10/2003 40 Upstream of Elm Street Bridge -0.6 1.3 02/11/2003 40 Upstream of Lyman Street Bridge 0.9 3.6 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/12/2003 39 Upstream of Lyman Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-0.8					
02/10/2003 40 Upstream of Elm Street Bridge -0.6 1.3 02/11/2003 40 Upstream of Lyman Street Bridge 0.9 3.6 02/11/2003 40 Upstream of Elm Street Bridge 0.9 3.6 02/12/2003 39 Upstream of Lyman Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	1.2					
Upstream of Lyman Street Bridge	-1.0					
02/12/2003 39 Upstream of Lyman Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	1.1					
02/12/2003 39 Upstream of Lyman Street Bridge 1.3 1.3 02/12/2003 39 Upstream of Elm Street Bridge -0.9 -0.6 Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-1.0					
Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	1.1					
Upstream of Lyman Street Bridge 1.1 1.2 02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-1.1					
02/13/2003 35 Upstream of Elm Street Bridge -1.0 -0.7 Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	1.0					
Upstream of Lyman Street Bridge 0.9 1.0 02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 Upstream of Lyman Street Bridge 0.8 0.9 02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-1.2					
02/14/2003 34 Upstream of Elm Street Bridge -1.2 -0.8 02/17/2003 31 Upstream of Lyman Street Bridge 0.8 0.9 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	0.9					
Upstream of Lyman Street Bridge 0.8 0.9 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	-1.5					
02/17/2003 31 Upstream of Elm Street Bridge -0.1 3.6 Upstream of Lyman Street Bridge 0.8 0.9	0.8					
Upstream of Lyman Street Bridge 0.8 0.9	-1.4					
	0.8					
02/18/2003 37 Upstream of Elm Street Bridge -0.8 -0.4	-1.2					
Upstream of Lyman Street Bridge 1.0 1.5	0.9					
02/19/2003 37 Upstream of Elm Street Bridge 1.1 4.9	-1.0					
Upstream of Lyman Street Bridge 2.3 5.8	1.1					
02/20/2003 37 Upstream of Elm Street Bridge 3.5 11.5	-0.7					
Upstream of Lyman Street Bridge 2.5 5.0	1.3					
02/21/2003 35 Upstream of Elm Street Bridge 4.0 12.0	0.3					
Upstream of Lyman Street Bridge 2.2 2.7	1.6					
02/24/2003 88 Upstream of Elm Street Bridge 4.3 9.3	2.3					
Upstream of Lyman Street Bridge 1.6 1.9	1.4					
02/25/2003 87 Upstream of Elm Street Bridge 6.9 19.0	1.6					
Upstream of Lyman Street Bridge 1.7 2.0	1.5					
02/26/2003 85 Upstream of Elm Street Bridge 4.5 10.2	2.5					
Upstream of Lyman Street Bridge 1.9 2.6	1.6					
02/27/2003 77 Upstream of Elm Street Bridge 6.7 26.7	1.9					
Upstream of Lyman Street Bridge 2.1 3.0	1.7					
02/28/2003 66 Upstream of Elm Street Bridge 7.0 11.6	4.9					

Notes:

Turbidity Action Level - Average Downstream (Elm Street) ≥ Average Upstream (Lyman Street) + 50 ntu cfs - Cubic feet per second

ntu - nephelometric turbidity units

Negative values are attributed to +/- 2ntu accuracy of the turbidity probe

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS

sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Table 10 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

			Turbidity		Water	Water	Calculated			Total DCD	Elitaria I BOD	
Location	Date	Estimated Flow (cfs)	High	Low	Daily Avarage	Temp.	Temp. End(°C)	Flow Beginning (cfs)	Calculated Flow End (cfs)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)
Upstream of Newell St. Bridge	02/05/03	56						N/A	N/A			
Downstream of Lyman St. Bridge	02/05/03	56	7.8	2.7	4.5	0.67*				H2-SW000055-0-3F05	ND(0.013)	ND(0.013)
Upstream of Elm St. Bridge	02/05/03	56	7.0	0.8	3.1							
Downstream of Pomeroy Ave. Bridge	02/05/03	56				1.0**	1.5**	ice	ice	H2-SW000052-0-3F05	0.024	ND(0.013)
Downstream of Pomeroy Ave. Bridge												
(duplicate)	02/05/03	56				1.0**	1.5**	ice	ice	H2-SW000052-1-3F05		ND(0.013)
Upstream of Newell St. Bridge	02/19/03	37				0.0**	0.5**	N/A	N/A	H0-SW000054-0-3F19	ND(0.013)	ND(0.013)
Downstream of Lyman St. Bridge	02/19/03	37	1.5	0.9	1.0	0.18*				H2-SW000055-0-3F19	ND(0.013)	ND(0.013)
Upstream of Elm St. Bridge	02/19/03	37	4.9	-1.0	1.1							
Downstream of Pomeroy Ave. Bridge	02/19/03	37				1.0**	1.0**	ice	ice	H2-SW000052-0-3F19	0.12	ND(0.013)

Notes:

PCB Action Level - Downstream (Pomeroy Avenue) ≥ Upstream (Lyman Street) + 5 ug/L

N/A - A rating curve is not yet established at the Newell Street Location, therefore, no flow can be calculated

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

cfs - Cubic feet per second

ntu - nephelometric turbidity units

--- - No data obtained

- * Temperature measured YSI 600 oms system.
- ** Temperature measured using hand held stainless steel thermometer.

ice - Flow was not calculated due to ice present at the staff gage location.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Due to extreme cold, water column samples are collected manually as 4 part grab samples.

Two flow values calculated, one at the beginning of the sampling event and one at the end of sampling event.

TSS (mg/l)

ND(0.5)

4.0

2.2

2.4

4.9

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Table 11 - PCB Air Sampling Results February 2003 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action Pittsfield, MA

(Results are presented in µg/m³)

			Aroclor 1016, &	Aroclor 1221,			
Sample ID	Location*	Date Collected	1242	1232, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000007-0-3J23	background	01/23/2003	ND(0.00197)	ND(0.00197)	ND(0.00197)	ND(0.00197)	ND(0.00197)
H2-AR000012-0-3J23	AR000012	01/23/2003	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)
H2-AR000013-0-3J23	AR000013	01/23/2003	ND(0.00257)	ND(0.00257)	ND(0.00257)	ND(0.00257)	ND(0.00257)
H2-AR000014-0-3J23	AR000014	01/23/2003	ND(0.00252)	ND(0.00252)	ND(0.00252)	ND(0.00252)	ND(0.00252)
H2-AR000014-1-3J23 (duplicate)	AR000014	01/23/2003	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)
H2-AR000015-0-3J23	AR000015	01/23/2003	ND(0.00252)	ND(0.00252)	ND(0.00252)	ND(0.00252)	ND(0.00252)
H2-AR000007-0-3F07	background	02/07/2003	ND(0.00254)	ND(0.00254)	ND(0.00254)	ND(0.00254)	ND(0.00254)
H2-AR000014-0-3F07	AR000014	02/07/2003	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)
H2-AR000014-1-3F07 (duplicate)	AR000014	02/07/2003	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)
H2-AR000015-0-3F07	AR000015	02/07/2003	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)	ND(0.00259)
H2-AR000016-0-3F07	AR000016	02/07/2003	ND(0.00253)	ND(0.00253)	ND(0.00253)	ND(0.00253)	ND(0.00253)
H2-AR000017-0-3F07	AR000017	02/07/2003	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)	ND(0.00256)

Notes:

Notification Level: 0.05μg/m³
Action Level: 0.1μg/m³
* - See Figure 1 for locations